

# SCDXC Newsletter



The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

[www.dx-code.org](http://www.dx-code.org)

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles may be republished with recognition of the author and the club. Reuse of copy-righted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

[n6rv@scdxc.org](mailto:n6rv@scdxc.org)

Club meetings are held on the second Thursday of the month at 7:30 PM except April, June and April. Please check the club web site for events and details at:  
<http://www.scdxc.org>  
If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0

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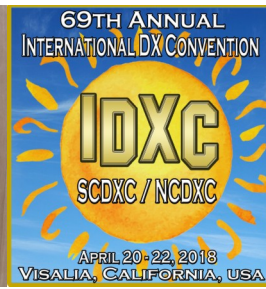
*If you need him get in  
there and work him"*



# The 2018 International DX Convention at Visalia



K9JF



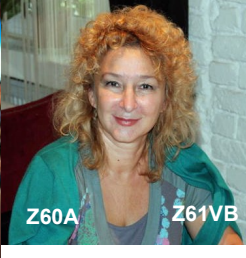
VK9MA

N7QT



ET3AA

K4ZW

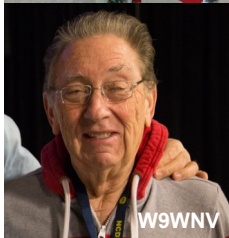


Z60A

Z61VB



ET3AA



W9WNV

K0MD



FS/K9EL



W6YA



## April 20,21,22

Everything is set! Are you? It is going to be a great one and you should not miss it! Here are some of the drawing prize donors

ARRL, Andress Technologies, Bioenno Power, Comet, Daily DX, DX Engineering, DX Store, Elecraft, Gifts4Hams, Giga Parts, Flex Radio, Ham Radio Deluxe, Ham Radio Outlet, Heil Sound, Hi-Tech Liquidators, Icom, Impulse Electronics, LUSO Towers, M<sup>2</sup> Antennas, Mastrant Antenna Guying, MFJ, N3ZN Keys, Next Generation Antennas, Nifty Accessories, NovexComm, Palomar Engineering, PhotoQSLs, Q.R.Zed Engraving, Radio Sport Headsets, RF-KIT, SteppIR Antennas, Tote-A-Lee Yours, US Tower, Wired Communications, Yaesu



OH2BH

Z60A

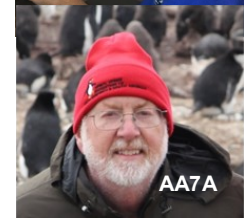


K5FLU

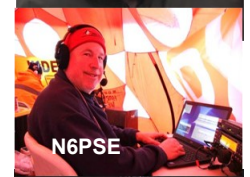
MFJ



N6KI



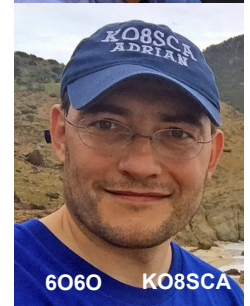
AA7A



N6PSE



N0AX



6060

KO8SCA

## Programs

**Banquet: Kosovo Z60A - Jim Fenstermaker, K9JW**  
**Breakfast: Mellish Reef VK9MA - Robert Fanfant, N7QT**

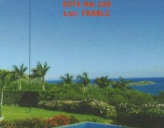
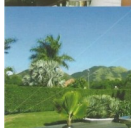
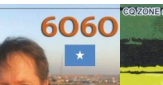
**DX Forum - Wayne Mills, N7NG**  
**Contest Forum - Scott Wright, K0MD**  
**Ham Forum - Mark Weiss, K6FG**  
**YL Forum - Gayle Olson, K6GO**

## Friday

**RFI Solutions - Bob Brehm, AK6R**  
**Using WSPRLite for Comparing HF Antenna Performance - Bill Mader, K8TE**  
**High Performance Receive Antennas for 160 & 80 - Tim Duffy, K3LR**  
**Remote Access to your station: Latest developments - Mark Aaker, K6UFO**  
**Learning Morse Code "after puberty" - Bob Carter, WR7Q**  
**APRS and Satellites/Space Station - Robert McHale, KE6BLR**

## Saturday

**Radiosport 2.0 - Lightning Ideas and Views - Ward Silver, N0AX**  
**DXpeditions Old School - Don Miller, W9WNV**  
**Getting to 3000 on the DXCC Challenge - Ned Stearns, AA7A**  
**Remote Operation with SMARTLINK - Dr. Howard White, KY6LA**  
**9M0W Spratly Island - Dave Jorgensen, WD5COV**  
**The Very Early Days of MFJ - Martin F Jue, K5FLU**  
**Grounding and Bonding - Ward Silver, N0AX**  
**The ET3AA Story - Ken Claerbout, K4ZW**  
**Vietnam War US Army Hams - Dennis Vernacchia, N6KI**  
**Saint Martin and Sunspots - John Sweeney, K9EL**  
**6060 Somalia - Adrian Ciuperca, KO8SCA**  
**Amateur Radio Diplomacy - Paul Ewing, N6PSE**  
**The Deleted Entities Chase, Part 2 - Jim McCook, W6YA**





## From the Desk of the President

### Mel Hughes, K6SY

#### 2018 Board of Directors

##### President

Mel Hughes K6SY

##### Vice President

Kris Jacob KC6TOD

##### Treasurer

Jerry Lewine K6QU

##### Secretary

Clay Davis AB9A

##### Director

Barry Fitchew N6VOH

##### Director

Jerry Robinson K6AV

##### Director (Past President)

Doug Dowds W6HB

#### APPOINTEES

##### Repeater Chair

Chip Angle N6CA

##### Newsletter Editor

Bill Kendrick N6RV

##### Webmaster

Jim Shryne N6DHZ

We I hope you are all ready for the 2018 International DX Convention. The Convention always serves a dual purpose for us. Doris grew up on her parent's vineyard between Visalia and Fresno, just outside the City of Reedley where they raised table grapes, and grapes for the wine and the raisin industries. We come a day or two early and stay over a day or two so she can visit her sister and other relatives. Sort of killing two birds with one stone.

Everyone on this year's Convention Planning Team has been working really hard getting all the details set in place.

Marilyn, KJ6YL, has one again lined up a spectacular Saturday tour and event for those that want something else to do on Saturday besides look at new radios and listen to the various presentations. They'll travel by luxury coach and the day will feature a stop at Mooney Park, an organ concert by Bob Heil, K9EID, at the restored Visalia Fox Theater, and lunch at the trendy Café 225 in downtown Visalia.

Bill Kendrick, N6RV, has put together a magnificent program for us. The Saturday Banquet will feature Jim Fenstermaker, K9JF, Martti Laine, OH2BH, and Vjollca Caka, Z61VB with details of the recent operation from The Republic of Kosovo.

The Sunday Breakfast will feature Robert Fanfant, N7QT providing details on the VK9MA Mellish Reef operation.

Additionally, Bill has taken on the duties of organizing and printing the Convention Booklet. It looks great! I don't know where he finds the time. Our Co-Chairs are Cathy, K6VC, who is handling Vendors and Prizes and Kris, KC6TOD, who is in charge of on-line Convention Registration and the Convention treasures. Chip, K7JA, will handle the Emcee duties.

Tom, N6JOJ, and his team are handling the prize room. Tom, K6BV, is handling the On-site Registration and Registration handouts. Don, NK6A, is in charge of A/V. Once again, George, N6VNI, has arranged for the Convention Shirts and is leading the Raffle Ticket sales. Bill, N6MXU, is coordinating this year's Special Event Station, K6V. Joe, K5KT, is coordinating rooms for our foreign visitors and Don, N6IC, is heading up the annual Golf tournament. Darryl, K7UT, and John, N6QQ, will be handling DX Card Checking.

There is also a large group of support volunteers standing by to assist wherever needed.

The Banquet Seating team is in charge of Saturday Banquet table assignments for on-line early table assignments and at the Convention Site. All the best seats are going fast. If you haven't yet asked for banquet seating on-line go the Convention web site, [www.dxconvention.ord](http://www.dxconvention.ord) and follow the instructions for banquet seating. If you wait until you get to Visalia you could end up sitting in the last row to tables. There are only 608 seats available. Don't be left out.

***See you in Visalia.***

**73,**

**Mel – K6SY**

## VP Notes

Kris Jacob, KC6TOD

Greetings to All,

Our guest speaker for our March 8th, Don Miller W9WNV was a tremendous success. Don had so many interesting experiences to share with our group and I know everyone enjoyed themselves. George and I took him home and enjoyed more of his great experiences.

Now.. The best is yet to come, the International DX Convention in Visalia, April 20th – 22nd at the Visalia Convention Center. ... Registrations are rolling in. As of 3/26/2018, we are over 525 signed up for the convention. Bill Kendrick N6RV has lined up great speakers for the daytime programs. The prizes will be fantastic.... If you have not signed up there is plenty of time.

On Saturday, April 21st at 11:30 am Bob Heil K9EID will be playing the Historic organ at the Fox Theatre in Visalia, it is part of the ladies tour but invitations are open to all to hear Bob play at this historic venue, I for one have one of his CD's from his early days in playing the organ absolutely wonderful... The Fox Theatre is within walking distance from the Convention Center... so take a moment and go listen to Bob. Then you can return to the convention center for a BBQ lunch and the ladies will move on to their luncheon which Marilyn K6YL.

Mark your calendars, our annual picnic will be Sunday, June 10th, 2018 at Woodley Park. This year is the SCDXC's year to host the annual Summer Bash on Sunday, August 12th, it will be at our home KC6TOD & N6VNI! Our Christmas/Chanukah Party will be held on Sunday, December 16th at the Reef Restaurant. More details to come....

Please note your calendar for all these events, we, as your board, have tried to plan in advance for all our special occasions. If you have any suggestions for guest speakers, please let me know!

***73 and Good Dxing!***

***Kris Jacob  
KC6TOD***



## Rumors on the Band

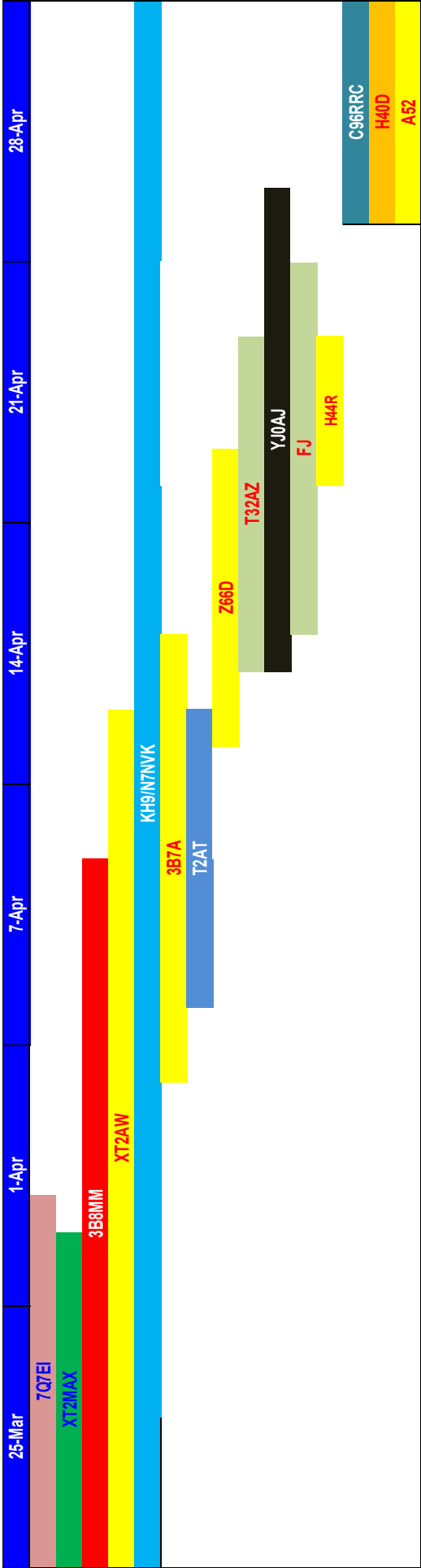
Well, last month was a doozy! Did you catch all the DXpeditions on all the bands and modes. Get ready to do it again! It seems like propagation ignores the solar cycle. Keep an eye out for St. Brandon, Burkina Faso, and Kosovo!

QTH	Call	Start Date	End Date	Information
Malawi	7Q7EI	Now	3-Apr	EI DX Group 160 - 10m SSB CW RTTY
Burkina Faso	XT2MAX	Now	2-Apr	DK1MAX
Mauritius	3B8MM	Now	11-Apr	DL6UAA 40 - 10m CW Digital
Burkina Faso	XT2AW	Now	15-Apr	DF2WO 160-10m CW SSB Digital
Wake Island	KH9/N7NVK	1-Apr	30-Apr	N7NVK QRP
St. Brandon	3B8A	5-Apr	17-Apr	F5UFX F5CWU F4BKV F4FET F2DX F5PTM F4HAU F8ATM 160-6m; CW SSB RTTY
Tuvalu	T2AT	8-Apr	15-Apr	3D2AG HF+6m CW SSB Digital
Kosovo	Z66D	15-Apr	22-Apr	OK Group CW SSB Digital
East Kiribati	T32AZ	17-Apr	24-Apr	KH6QJ
Vanuatu	YJ0AG	17-Apr	29-Apr	VK5GR 80-10m SSB Digital
St. Barthelemy	FJ	18-Apr	27-Apr	AI5P N0KV W0ZA WD0E FJ/AI5P & FJ/N0KV 80-10m CW SSB RTTY
Solomon Islands	H44R	22-Apr	25-Apr	DL2GAC VE3LYC 40-17m CW SSB
Mozambique	C96RRC	29-Apr	3-May	R7AL RA1ZZ RZ3K RK8A 40-10m CW SSB Digital
Temotu	H40D	29-Apr	3-May	VE3LYC 40-10m CW SSB
Bhutan	A52	29-Apr	5-May	JH3AEF (A52AEF) JA3IVU (A52IVU) JR3MVF + WA0WOF (A52YL) 80-6m SSB CW Digital

## April Calendar

April 7	SP DX Contest
April 7	EA RTTY Contest
April 14	JIDX CW Contest
April 14	OK/OM DX Contest, SSB
<b>April 19</b>	<b>2018 IDXC Visalia!!!</b>
April 20	Holyland DX Contest
April 21	YU DX Contest
April 21	CQMM DX Contest
April 28	SP DX RTTY Contest
April 28	Helvetia Contest

**DX for April**



# DX Standings

Wouldn't you know it! Just as soon as the standings are updated a new entity shows up. With the convention work and the newsletter you will not be seeing the update anytime soon, maybe June. Actually if the ARRL does not update their standings we cannot either.

Red represents members who have all current entities (#1 Honor Roll)

Blue Represents members who have 330 entities or above (Honor Roll).

Black is everyone else.

Send any updates to:

**N6RV@SCDXC.org**

### SCDXC WAZ and DXCC Standings

The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

<b>M</b>	<b>Mixed</b>
<b>P</b>	<b>Phone</b>
<b>C</b>	<b>CW</b>
<b>R</b>	<b>RTTY</b>
<b>5</b>	<b>5 Band</b>

The first DXCC column is the confirmed entity count with deleted countries. The second column is the confirmed current entity count. The third column is the challenge slots.

The members highlighted in **Red** are at the top of the Honor Roll. Those in **Blue** are on the Honor Roll

SCDXC Southern California Members Standings 2018								WAZ Standings		
	DXCC				DXCC			Call	10B / 5B	Awards
DXCC	Total	Current	Slots	DXCC	Total	Current	Slots			
W6KH	388	339		KJ6Y	326	324	1312	K6ND	378 / 200	M/5
K6KII	387	339		AC6DX	322	320	1898	W6SR	369 / 200	M/P/C/I/5
JA1BK	382	339		N6NPG	319	317		K6FG	365 / 198	M/P/C/R/5
K6YRA	377	339		AK6I	316	314	1126	WA5VGI	358 / 200	M/P/C/5
OH2BH	377	339		W1YL	315	312		W8DX	357 / 200	M/5
ON4UN	372	339		N6GP	314	292	1583	EU7SA	357 / 200	M/5
K6EXO	371	339		KC6T	314	312		N6AW	355 / 200	M/P/C/5
N6UC	368	339		W6HB	311	308	1029	NS6C	345 / 200	
W6BCQ	365	339	1600	N6VNI	310	308	1475	K6YRA	337 / 200	P/5
K6YUI	365	339		K6TX	307	300		K6YUI	337 / 200	M/P/C/R/5
DJ9ZB	365	339		NK6A	303	297	957	WD6L	248 / 200	M/P/5
K6IPV	362	334	1800	W3SE/ZL3TE	295	293	1413	N6OU	220 / 200	M/5
NS6C	360	339	2282	N6DHZ	292	290	1008	K6UNR	/ 200	M/P/5
K6SMF	360	337		N6UOZ	280	280		W6VX	352 / 199	
W6HT	358	339		KT6LA	279	277	1039	K6GXO	358 / 198	M
W6SR	358	339	2822	WA6WXD	274	272		W6ENZ	347 / 197	
N4XX	358	339		K7MY	267	265	831	SM5GMZ	345 / 196	M/P/C
WA6WZO	357	339		K6VC	259	256		N6MXU	155 / 193	
K6FG	356	339	2747	N6WT	257	257	1071	K2PLF	191 / 191	
K8RD	356	339		W6DOE	244	242	1005	N6RV	302 / 187	M/P/C
KR6C	355	338	1990	KQ6K	243	241		KC6X	294 / 187	M/P/C/5
K6GXO	355	339	2633	N6VOH	243	241		N6QQ	325 / 186	M/P/C/R
N6RV	355	338	2050	K6SS	242	240		K6LD	314 / 186	M/P/C
W6IRD	354	337		W6LEN	236	209	656	W6YOO	308 / 185	M/P/C/5
K5KT	354	339		K6JEY	234	230		KH6DX/m	210 / 184	
W6OU	354	335	1436	K6IRD	233	230		KH6MB	304 / 179	5
N6QQ	353	337	2206	N6HE	228	195	636	K0OK	286 / 173	
W6TJI	353	337		N6AA	222	218		K6SY	246 / 173	P
W8DX	352	339	2519	K6AWB	219	217		W6ZPL	237 / 173	M/P
N7NR	350	336	1123	W6WVW	210	208		KJ6Y	261 / 172	
W6TK	350	339	1911	K6DDJ	204	201	534	KR6C	295 / 171	M/C
W6VX	349	339	2772	KK6FJQ	202	200	149	AD6KQ	226 / 164	
KC6X	349	328	1995	W6KC	201	200	571	N6DHZ	214 / 160	P
W6YOO	349	338		N6PZK	201	198		K6KII	191 / 177	M
W6ENZ	348	338	2393	W6JEA	195	193		W6DR	227 / 159	
N6HC	348	339	2280	N6EV	193	193	554	NK6A	152 / 152	M/5
W6KK	348	339	1822	K6QU	174	86	157	W6NRQ	180 / 147	M/P
N6WS	348	336	2016	KB6CIO	167	164		WA6BOB	152 / 136	M
AI6Z	348	329	2166	KF6I	166	162		W6IRD	151 / 111	M/P
N6IC	347	336		N6PM	164	163	455	W5DQ	161 / 122	
K6ND	347	339	2558	AA6VX	156	155	389	K6IRD	154 / 126	M/P
WA5VGI	347	339	2738	W6EA	152	149		WB6PSY	139 / 140	P
N6HY	345	337	2443	W6QE	149	149	224	KT6LA	132 / 103	
SM5GMZ	344	333	2275	AB9A	141	139		N6HE	130 / 138	
K6LPO	344	330	1236	N6DBF	134	134	374	W3SE	102 / 112	
N6PE	344	331	1697	N6RU	127	126	261	K6IRA	118 / 102	
N6PEQ	343	336	1908	K6DSW	122	122		K6VC	96 / 96	P
K7ACZ	341	324	1756	KC6TOD	120	119		W6EA	92 / 86	
KM6HB	341	334	1890	K6MKL	115	115		N6UC	78 / 78	M
W6FL	339	334	1129	KA6D	107	107		KA6TTV	82 / 67	
W6SW	338	330	551	N6LL	105	105		N6VNI	86 / 64	
W6ZPL	338	335		K6BBC	103	103		N6RRY	74 / 64	
N6XT	337	330		N6HD	101	101		N6GIL	49 / 43	
K2IXQ	336	331	1728	NQ6L	100	100		W6DCK	40 / 40	P
K6RO	336	334	1531	K7LA	100	100	1768	K6JW	40 / 40	M/P
N6MXU	333	330	1387	WA6MEM	100	100		K6YR	39 / 39	
K6SY	333	323	1037	K6SBA	100	100		W6DOE	37 / 37	
KØOK	329	327	1680	K9TAD	51	51	65	NZ6L	36 / 36	
N6AX	327	325	1114	KE6PLA	45	45	96	W4EF	29 /	
W6DR	327	322	1405	WZ6D	36	36	52	N6AWD		M
K6JW	327	321	1081	KK6ABZ	13	13		N6HC		M/P/C
AA6PW	326	324	1632					KB6KTV		P
								W6OES		M
								K8RD		C



# 2018 Get Schroeder Contest

2017 Get Schroeder Leaders						
2018 Entities Worked by SCDXC						222
2018 ClubLog Leaders						253
2017 SCDXC Members						281
2017 SCDXC Leaders (N6RV)						263
2017 ClubLog Leaders						289
Rank	Call	Entities	Delta	Missed	-QQ	Uniques
1	N6WS	200	21	22	-38	3
2	N6WT	186	0	36	-24	1
3	W6OU	183	22	39	-21	1
4	N6QQ	162	9	60	0	0
5	W6TK	177	29	45	-15	0
6	N6RV	165	19	57	-3	0
7	WA5VGI	163	33	59	-1	0
8	KC6X	146	25	76	16	1
9	K7ACZ	126	36	96	36	0
10	Ai6Z	123	41	99	39	0
11	N6PM	106	26	116	56	0
12	W6DR	105	0	117	57	0
13	W6MKO	103	13	119	59	0
14	W6SR	103	36	119	59	0

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
1S	4U1ITU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	Z2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	XE	Z3
3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
3B8	4X	8R	A7	CT	EA9	FO/A	GW	ISO	KH4	OH	PY0T	T33	UA2	VK9X	XT	Z8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PZ	T5	UJ	VP2E	XU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP2M	XW	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	T8	UR	VP2V	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	OM	S2	TA	V2	VP5	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8S	ON	S5	TF	V3	VP6	YX	ZD8
3D2/R	5T	9L	BY	D2	ES	FR/G	HC	J8	KH9	OX	S7	TG	V4	VP6/D	YB	ZD9
3DA	5U	9M2	C2	D4	ET	FR/J	HC8	JA	KL7	OY	S9	TI	V5	VP8	YI	ZF
3V	5V7	9M6	C3	D6	EU	FR/T	HH	JD1/M	KP1	OZ	SM	T19	V6	VP8/G	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5W	HI	JD1/O	KP2	P2	SP	TJ	V7	VP8/H	YK	ZL
3XA	5X	9Q	C6	DU	EY	FT5X	HK	JT	KP4	P4	ST	TK	V8	VP8/O	YL	ZL7
3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP5	P5	SU	TL	VE	VP8/S	YN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0/S	JX	LA	PA	SV	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP
4L	7O	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS
4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	YV	ZS8

SCDXC Get Schroeder Standings 2018																
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	Yrs	
1	N6WS	35	52	9	128	85	160	87	62	11	21	0	200	650	54	
2	N6WT	16	25	0	96	39	154	29	39	0	0	0	186	398	4	
3	W6OU	4	15	0	59	19	126	23	14	7	2	1	183	270	55	
4	W6TK	10	47	0	124	31	150	45	58	2	20	0	176	487	61	
5	N6QQ	0	37	0	107	73	139	62	55	6	15	3	170	497	61	
6	N6RV	0	0	0	118	42	113	28	56	3	17	0	165	377	50	
7	WA5VGI	21	16	0	1	27	131	48	33	0	0	0	163	277	34	
8	KC6X	9	55	0	90	64	110	76	45	6	7	0	142	462	41	
9	K7ACZ	4	25	0	48	11	111	8	22	1	1	0	126	231	49	
10	Ai6Z	1	14	0	61	7	91	5	35	1	4	0	123	219	25	
11	N6PM	0	1	0	31	27	35	73	21	6	6	0	106	200	24	
12	W6DR	30	45	0	92	1	86	0	43	0	2	0	105	299	38	
13	W6MKO	0	14	0	63	8	61	17	3	0	0	0	103	166	1	
14	W6SR	4	20	0	41	2	92	1	47	0	2	0	100	209	51	
15	SM5GMZ	40	31	0	11	14	25	25	11	0	0	0	93	157	49	
16	N6VNI	0	35	0	29	2	57	23	22	0	3	1	89	172	29	
17	NK6A	0	0	0	27	1	73	5	40	0	0	0	81	146	73	
18	N6GP	0	51	0	0	3	55	2	24	0	3	1	81	139	29	
19	NS6C	16	12	0	36	22	26	17	7	2	1	0	74	139	61	
20	N6HE	0	0	0	34	3	48	24	26	0	2	0	68	137	40	
21	W6KC	0	31	0	37	0	53	0	26	0	0	0	67	147	21	
22	ZL3TE	0	6	3	31	11	29	29	9	0	0	0	63	118	14	
23	K7MY	0	0	0	7	0	45	0	32	0	13	0	60	97	41	
24	K6QU	0	14	0	45	9	23	11	6	1	2	0	58	111	4	
25	WB6DJI	0	0	0	46	0	18	17	0	0	0	0	54	81	5	
26	N6BV	12	7	0	10	0	27	5	1	0	0	0	52	62	22	
27	W6ENZ	5	5	0	17	5	18	14	9	3	1	0	44	77	51	
28	KK6FJQ	0	0	0	12	4	21	8	2	1	2	0	39	50	5	
29	KM6HB	2	9	0	18	11	20	12	11	10	2	0	38	95	27	
30	K6FG	6	7	0	16	7	10	7	5	1	5	1	37	65	62	
31	N6RRY	0	0	0	0	0	26	0	5	0	0	0	28	31	30	
32	K6YUI	12	0	0	2	2	9	3	1	0	0	1	25	30	61	
33	N6RU	0	1	0	0	1	15	1	12	0	1	0	24	31	12	
34	N6DBF	0	0	0	15	4	10	4	2	0	0	1	20	36	32	
35	K6RRD	2	4	0	5	6	6	2	6	0	2	1	18	34	10	
36	K9TAD	0	0	0	3	3	11	0	0	0	0	0	17	17	11	
37	K6DDJ	0	2	0	3	2	9	3	1	0	0	0	15	20	23	
38	AC6DX	0	0	0	8	0	1	0	0	0	0	0	9	9	11	
39	KR6C	1	1	0	2	0	4	0	0	0	0	0	8	8	40	
40	W6SW	0	0	0	0	0	3	0	0	0	0	0	3	3	39	
41	K6RO	0	0	0	0	0	1	0	0	0	0	0	1	1	30	

Chart Legend	
White / Green	Entity Worked This Year by a Member
Black / White	Very Active Entity Not Yet Worked
Black / Blue	Entity with Announced Dxpedition
Black / Yellow	Rarely Active Entity Not Yet Worked
Black / Red	Inactive Entity
	Deleted Entity

March was another month that did not fail to bring a smile to the face of many DXers! 3C, 3C0, 5W, 9M0, CE0Y, C3, CN, D4, H40, TJ, TN, TY, TR, Z6, not to mention two SSB contests full of the usual suspects! What more could you ask for except, maybe, P5!

Grant it, the conditions have not been all that great but if you looked on any band almost at any time there were at least two good size pile ups working two very rare entities. Is that enough to wet your whistle?

The SCDXC leader, N6WS, is at 28 on the Global ClubLog leader board, with 200 worked. It seems a little off but these are challenging times. Kent, N6WT, is on vacation and frozen at 184. Jim, W6OU is rapidly climbing and will overtake Kent while he is in New Orleans enjoying a mint julep or a beignet. The rest of the pack is pretty stagnant. I guess some early morning openings and late nights burning the midnight oil are in order. Remember the conditions are terrible after June and do not return until late in September. That is why we do antenna work in the summer!

In summary SCDXC has worked 222 entities while ClubLog in general worked 253 entities. SCDXC has no entities worked that ClubLog leaders have not. The converse is 31.

We now have 14 members who worked DXCC this year and in the first three months we are at 80% of the entities worked by SCDXC last year. In spite of poor conditions there is still DX to work and some of it is new.

## 31 Countries Worked by ClubLog but not SCDXC

3V 5U 9N EK FP S2 T32 YJ  
 4J 8Q A3 ET FS ST VQ9 Z8  
 4U1ITU 8R AP EX HB0 SU YA ZS8  
 5A 9L E4 EY R1F T2 YI

## 17 Countries added to SCDXC Total in March

1S A5 H40 TJ Z2  
 3C A6 KH0 TN  
 3C0 A9 PJ5 XF4  
 4O D2 T7 XX9



## The Spratly Islands

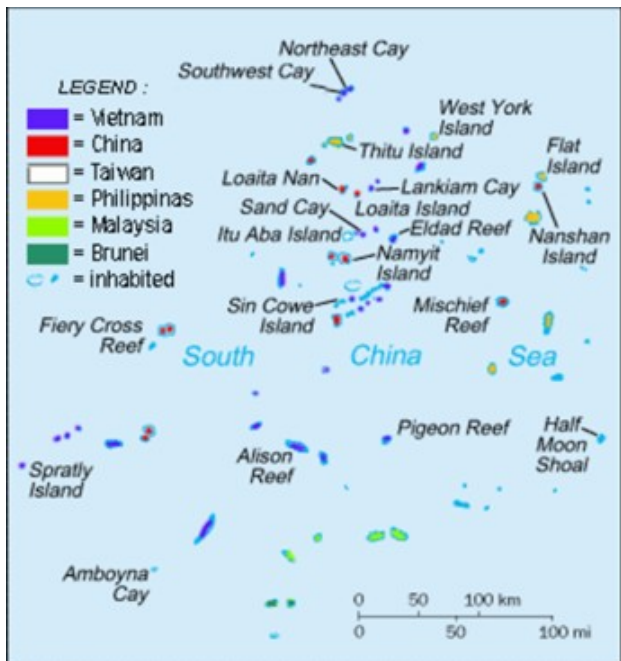
Last month a DXpedition to Swallow Reef in the Spratly Archipelago wrapped up its operation. Thinking of the South China Sea brings memories of a desolate region where Chinese pirates in their junks roamed freely, liberating merchant ships of their goods, wealth, and lives. Today that is hardly the case. It is an area that is very much in dispute and rapidly being developed and raided by a different pirate.

The Spratly Islands are a group of islands, and reefs in the South China Sea. The group lies off the coasts of the Philippines, Malaysia, and Vietnam. There is evidence that this region has been disputed by neighboring nations almost since the beginning of written history. The islands are named after the 19th-century British whaling captain Richard Spratly who sighted Spratly Island, the largest island which is located in the southern region in 1843. The group contains less than 490 acres of naturally occurring dry land over the 164,000 square mile expanse.

The Spratlys are also located in one of the world's most strategic shipping lanes. Nearly 75% of the world's goods pass through this region, more than \$5 Trillion yearly. There are no indigenous inhabitants however many nations fish this rich region which is also rich in oil and minerals. For this reason, the region is claimed by several nations including China (PRC), Philippines, Malaysia, Brunei, Vietnam, and Taiwan (ROC). Around 45 islands, cays, reefs and shoals contain structures that are occupied by military forces from Malaysia, Taiwan (ROC), China (PRC), the Philippines and Vietnam. All claim them as exclusive economic zones. China includes Scarborough Reef (Shoal) as part of the Spratlys.

Islands in Order of Area					
	Island name	Country	Atoll	Area (Acres)	Reclaimed (Acres)
1	Itu Aba Island	Taiwan (Taiping Island)	Tizard Bank	114.0	14.8
2	Thitu Island	Philippines (Pagasa Island)	Thitu Reefs	92.0	
3	West York Island	Philippines (Likas Island)	West York Island	46.0	
4	Spratly Island	Vietnam (Trường Sa Island)	Spratly Island	32.0	37.0
5	Northeast Cay	Philippines (Parola Island)	North Danger Reef	31.0	
6	Southwest Cay	Vietnam (Song Tử Tây Island)	North Danger Reef	29.0	19.8
7	Sin Cowe Island	Vietnam (Sinh Tồn Island)	Union Banks	20.0	2.5
8	Nanshan Island	Philippines (Lawak Island)	Nanshan Group	20.0	
9	Sand Cay	Vietnam (Son Ca Island)	Tizard Bank	17.0	5.2
10	Loaita Island	Philippines (Kota Island)	Loaita Bank	16.0	
11	Swallow Reef	Malaysia (Layang-Layang Reef)	Swallow Reef	15.0	
12	Namyit Island	Vietnam (Nam Yet Island)	Tizard Bank	13.0	
13	Amboyna Cay	Vietnam (An Bang Island)	Amboyna Cay	4.0	
14	Grierson Reef	Vietnam	Union Banks	4.0	
15	West London Reef	Vietnam	London Reefs	3.0	
16	Central London Reef	Vietnam	London Reefs	2.0	
17	Flat Island	Philippines (Patag Island)	Nanshan Group	1.5	
18	Lankiam Cay	Philippines (Panata Island)	Loaita Bank	1.0	
	<b>Total (Acres)</b>		<b>540</b>	<b>460</b>	<b>79</b>

In addition to the naturally occurring land masses China has turned several rocks and reefs into large bases adding 3500 more acres to the dry land mass. These bases include large military and radar facilities. China claims they are enhanced search and rescue facilities and admit they can be used for military purposes. In fact nothing can pass through the region without being detected by their advanced RADAR system. They also have Close in Weapons Systems that can hit any target. Again, they claim it is their right to do what they please in their "own" territory. An international tribunal established that the region is the sole possession of The Philippines.







China's reclamation is actually creation of landmasses that previously did not exist. They have populated these areas with military personnel, landing strips, radar systems, and anti-aircraft / anti-missile system. They are strategically located and can cover the whole region with a defensive grid, removing any threat that approaches the region. The size of the two larger constructions rival Pearl Harbor and the Washington D.C. in area. Notice that the area created by China is greater than 7.5 times the naturally occurring landmass in the Spratlys. Excellent images of the construction can be found at: <https://amti.csis.org/>.

PRC Occupied Reefs				
	Reef name	Atoll	Area (Acres)	Reclaimed (Acres)
1	Mischief Reef	Tizard Bank	0.0	1380.0
2	Subi Reef	Thitu Reefs	0.0	979.0
3	Fiery Cross Reef	Dangerous Ground	0.0	677.0
4	Gaven Reef	Tizard Bank	0.0	213.0
5	Hughes Reef	Tizard Bank	0.0	166.0
6	Cuarteron Reef	Spratly Island	0.0	57.0
7	Johnson South Reef	Union Banks	0.0	27.0
	Total		0.0	3499.0



**Itu Aba, Taiping Dao (Taiwan, ROC)**

The largest naturally occurring island in the Spratlys, Itu Aba is a 110 acre elliptical shaped rock .9 miles long by .25 miles wide. The name means "What's That?" in Malaysian or it may have been named after the two handmaidens, Tu and Ba of the French Indochina explorer who discovered the island. After World War II the name changed to Taiping or Taiping Dao which in Chinese means Peace Island. The Japanese occupiers called it Nagashima meaning Long Island. Finally the Vietnamese call it Dao Ba Binh meaning Calm Wave.

The term rock is an official one which infers that there is officially no territorial claim to the waters surrounding Itu Aba. The region has been a Chinese fishery for centuries. China asserted claim over the region in the late 1800's after France attempted to incorporate it into French Indo-China. When Japan invaded China France again claimed the island as well as others. This was protested by both China and Japan. After World War II Nationalist China sent four warships to the region to reclaim the islands. The island is named after one of these ships. Interestingly enough three other islands in the Paracel Group and Spratlys were named after the remaining ships. A protest was levied in 1952 by the Nationalist Chinese to counter the intrusion of a Philippine civilian who began mining sulphur. A permanent Marine detachment was placed on the island in 1956. In 2000 the Marine detachment was replaced by a ROC Coast Guard unit and the construction of the Taiping airport was completed in 2007. Later a Marine detachment was again assigned, the airstrip was extended 1600 feet and a dock was constructed. The island is stocked every 20 to 30 days by a ship from Taiwan. The contested region was determined to be the possession of the Philippines by an International Arbitration Court. China and the ROC do not recognize this claim. A few amateur radio DXpeditions were planned for this island. None of them came to fruition.



ITU ABA (Malaysia)

**Thitu Island**

Thitu Island is the second largest of the naturally occurring islands in the Spratlys. It is administered by the Philippines and is the largest island in the group occupied by that country. There were no large settlements until 1956 when a Filipino lawyer laid claim on part of the Spratlys as his own and named it Free Territory of Freedomland. The island has been occupied by Philippines since 1970. It is fortified and held by 40 soldiers. It is also used as an airbase which regularly patrols their interests in the region. The island is also home to 300 civilians. There are plans to turn the island into an ecotourism zone. Upgrades to the airstrip, the addition of a port and a desalinization plant is included in the plan.

West York Island is the second largest island administered by the Philippines. It is a sanctuary for giant turtles and has a military contingent residing there. Plans are in the works to populate the island with civilians, adding an airstrip, and dock.

**West York Island****Spratly Island**

Spratly Island is the fourth largest in the region. It is occupied by Vietnam and is classified as a commune level town and it oversees Amboyna Cay and Barque Canada Reef. The Vietnamese have reclaimed 37 acres doubling its size. This reclamation also included two large harbors. There is a 4000-foot runway on the southeast side of the island.



**Northeast Cay**

Northeast Cay is the fifth largest naturally occurring island in the Spratlys. It is occupied by the Philippines and is 1.75 miles from the Vietnamese occupied Southeast Cay. It became a possession of France, occupied by Japan in WWII, transferred to South Vietnam in 1956 along with Southeast Cay. In 1968 Philippine troops took over the island and continue to occupy it today. There are very few structures on the island.

**Southwest Cay**

Located on the northwestern edge of the archipelago Southwest Cay is the sixth largest naturally occurring island in the group and the second largest occupied by the Vietnamese. It was once a bird breeding ground and source of guano. France also took possession of this island in 1933. It was occupied by Japan in WWII and in 1956 was transferred to South Vietnam. It was occupied by The Philippines in 1968. An interesting story surrounds the reoccupation by South Vietnam in 1975. The Filipino soldiers guarding the cay left to attend the base commander's birthday party on Northeast Cay. It appears that South Vietnamese officials shipped in "escorts" for the part and looking at the conditions of these outposts they were more than happy to attend. Upon returning the next day they found South Vietnamese soldiers on the island. Not wanting to upset the balance

in the Vietnam war, the Philippines acquiesced. Ironically later that year the same South Vietnamese soldiers swam 1.7 miles to Northeast Cay seeking asylum from the Peoples Army of Vietnam after South Vietnam fell.

**Amboyna Cay**

Though not one of the main Islands in the Spratlys Amboyna Cay, a Vietnamese occupied Island, has a storied past. In 1979 a DXpedition of 6 hams including by Bob Schneck, N2OO, was fired upon by the occupying force. They immediately turned and ran at 2 knots from the island, kind of like scooting really fast while sitting on the ground. Eventually three of the hams set up on Barque Canada Reef and operated as 1S1DX.

In 1982, another DXpedition approached the island. There were six people on a small sailboat carrying a stockpile of fuel on its deck for the generators. Four were hams. This time the outcome was not as fortunate. They were hit by artillery sending one of the operators overboard and lighting the fuel on fire. The other 5 drifted 11 days at sea floating on whatever was left of the boat, one died of dehydration the day before the survivors were rescued by a passing Japanese freighter which took them to Hong Kong. It is an understatement to say it is safe in that region. Notice that the US Navy does regular right of passage trips near all of the occupied areas. It is funny but the residents are not very quick to fire upon a missile cruiser.



**Swallow Reef (Malaysia) (9M0W)**

This brings us to Swallow Reef (Pulau Layang-Layang) which is administered by Kota Kinabalu, Sabah (Malaysia). The original land mass was 16 acres and now, through reclamation, has been expanded to 86 acres. It was occupied by the Malaysian Special Forces in 1983. Eighteen men built their encampment, literally a camp. The only structure was a helipad. A small operations center was built in 1986. In 1989 the government decided to make it a resort and built a dive resort on the small plot of land. The reef was expanded and a 4600 foot airstrip was added. A maritime research lab was opened in 2003. This location is almost wife approved! It is the absolute best place to get away from everything!

This month an international amateur radio team operated from Layang-Layang Island. The 19 person team consisting of YT1AD, HL5FUA, K9JM, YT3W, ZL3WW, ZL3WW/YL, K1LZ, K1ZM, JT1CO, F6GNZ, PY2XB, KO8SCA, WD5COV, W5XU, VK3FY, VK3FN, SV2GWY, 9M6ABZ, 9M6RHM and 9M6ZAE operated on 160 - 6m CW, SSB, Digital modes. The total QSOs amassed are listed below.

9M0W Summary					
Band	SSB	CW	JT65	FT8	Total
160m	0	1801	0	0	1801
80m	19	2689	0	0	2708
40m	129	4712	0	0	4841
30m	0	1392	0	715	2107
20m	1515	3238	0	68	4821
17m	1246	2030	1	3	3280
15m	680	1996	0	0	2676
12m	249	244	0	0	493
10m	247	486	0	0	733
<b>Total</b>	<b>4085</b>	<b>18588</b>	<b>1</b>	<b>786</b>	<b>23460</b>

<b>1-Band</b>	<b>5317</b>
<b>2-Band</b>	<b>1712</b>
<b>3-Band</b>	<b>994</b>
<b>4-Band</b>	<b>550</b>
<b>5-Band</b>	<b>384</b>
<b>6-Band</b>	<b>275</b>
<b>7-Band</b>	<b>162</b>
<b>8-Band</b>	<b>91</b>
<b>9-Band</b>	<b>76</b>
<b>Uniques</b>	<b>9561</b>



The team will be at the convention in a few weeks and will present on Saturday afternoon.





## The History Corner

Jim McCook sent an email with a link to an archive of Radio Magazine that spans 1921 to 1947.

[http://www.americanradiohistory.com/Radio Magazine Guide.htm](http://www.americanradiohistory.com/Radio_Magazine_Guide.htm)

In the volumes are references to former club members and California DXers in general.

### Otto Miller, XU8MI

The December 1939 issue contains an article about U.S. Navy Radio Electrician, Otto Miller, K6ENX, operating in Shanghai. He worked 75 countries and 33 zones during his tenure. Also noted was the amount of noise in Shanghai. It was called the "city of noises" with 300 un-



O. C. Miller, XU8MI, Shanghai, China. Transmitter uses a pair of 35T's with 400 watts input.

regulated radio stations in a 2 mile by 3 mile area. He ran a pair of 450TLs driven by a 450TL producing 400 watts input (~ 240 watts output) to an end fed Hertz antenna. His receiver was an RME. Maybe Wayne, W6IRD, can enlightened us on this high end receiver. Otto was real DX. He stated that he regularly hears a flock of W6 and W7 stations. Remember that this was a few years before the US involvement in WWII and while Japan occupied China.

We will have some fun reading through these magazines as we go forward with the history corner. If you have any input please forward it!

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## TID BITS

### Tribute to David Collingham, K3LP

An extensive tribute to K3LP on K8CX's Ham Gallery website:

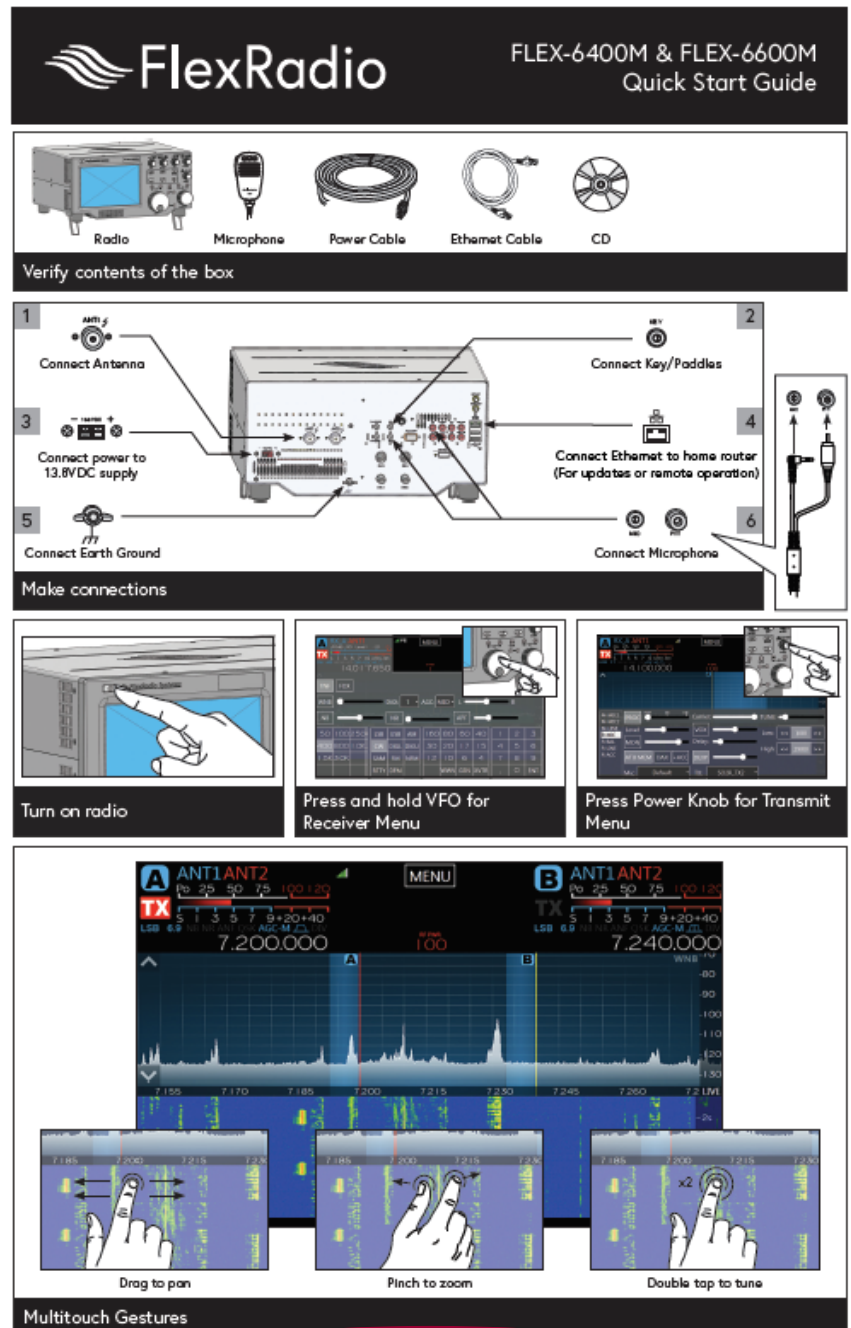
<http://hamgallery.com/Tribute/K3LP/>.

### Flex Radio 6400M Quick Start Guide

Do you recall the quick start manuals of the 80s and 90s? No, because there were none. They were called manuals. Do you remember reading through the manuals of the 60s and 70s? They were descriptive, and accurate, providing the ham that just spent his hard earned money easy step by step instructions on how to set up and operate their new transceiver. Do you remember the 200 page Japanese manuals that had so much information in it that you could not absorb it? It was information overload. Fortunately those radios had familiar knobs and switches in the usual places.

Ever since 2010 you get a cell phone with 10,000 apps on it and virtually no instruction manual. If there was one you would be either using it as a coffee coaster or kindling. Today's consumers are thrown into the deep end of the pool with no life preserver! The excuse given... well today's youth are so tech savvy that they can figure this out by themselves. We are just old stupid people.

Now for your consideration we have the FlexRadio 6600M, probably one of the most complicated radios in existence. Screens upon screens with mystery buttons hidden all over the place. Even the knobs are buttons! The uninitiated ham opens this lovely box and, voila! they encounter the Quick Start Manual. Written so simply that a 2 year old could follow it, except, when you finish these simple steps you are looking at an unfamiliar massively confusing box with the appeal of a 50's black metal lunchbox and a touch screen with weird stuff on it. Not to worry! All you have to do is read the fine print on the bottom of the page and all your questions are answered! Boy, I am glad I am a rocket scientist! Honestly, it is way better than the Flex5000a if you can get over the shock!



For any additional information on safety and operation please refer to the User Manual on the included CD  
For technical support go to [helpdesk.flexradio.com](http://helpdesk.flexradio.com)

## Resource Page

### Useful DX Sites

N0HR DXpedition Map  
[www.n0hr.com/wk34/](http://www.n0hr.com/wk34/)

The DX Zone  
[www.dxzone.com/catalog/DX\\_Resources/](http://www.dxzone.com/catalog/DX_Resources/)

The Daily DX  
[www.dailydx.com/](http://www.dailydx.com/)

Announced DX Ops  
[www.ng3k.com/misc/adxo.html](http://www.ng3k.com/misc/adxo.html)

DXing.info  
[www.dxing.info/dxpeditions/](http://www.dxing.info/dxpeditions/)

DX 425 News  
[www.425dxn.org/dxped/](http://www.425dxn.org/dxped/)

Dx-info.de  
[www.dx-info.de](http://www.dx-info.de)

DX Italia DX News

## Propagation

### Life as a Bottom Feeder

How much lower can it get? Well it is pretty low at that! In spite of the conditions there were openings on 10 meters in both the ARRL DX SSB Contest and the CQ WPX SSB Contests. 15 had some openings to Western Europe and, interestingly enough, 20 meters opened to Europe around 9AM and stayed open until 1PM.

40 meters was pretty light during the CQ WPX SSB Contest at the end of the month. There were more Europeans on at the beginning of the month. There were very few Japanese stations on as well. Is this an indication of the times? Are we getting too old to contest? Maybe that is the case.

Thank goodness for South America and the Caribbean. They were everywhere. The openings to the Pacific were huge. Too bad only 10 stations were active!

Maybe the fall will bring good news. We are heading into the summer and that spells less DX.

### ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

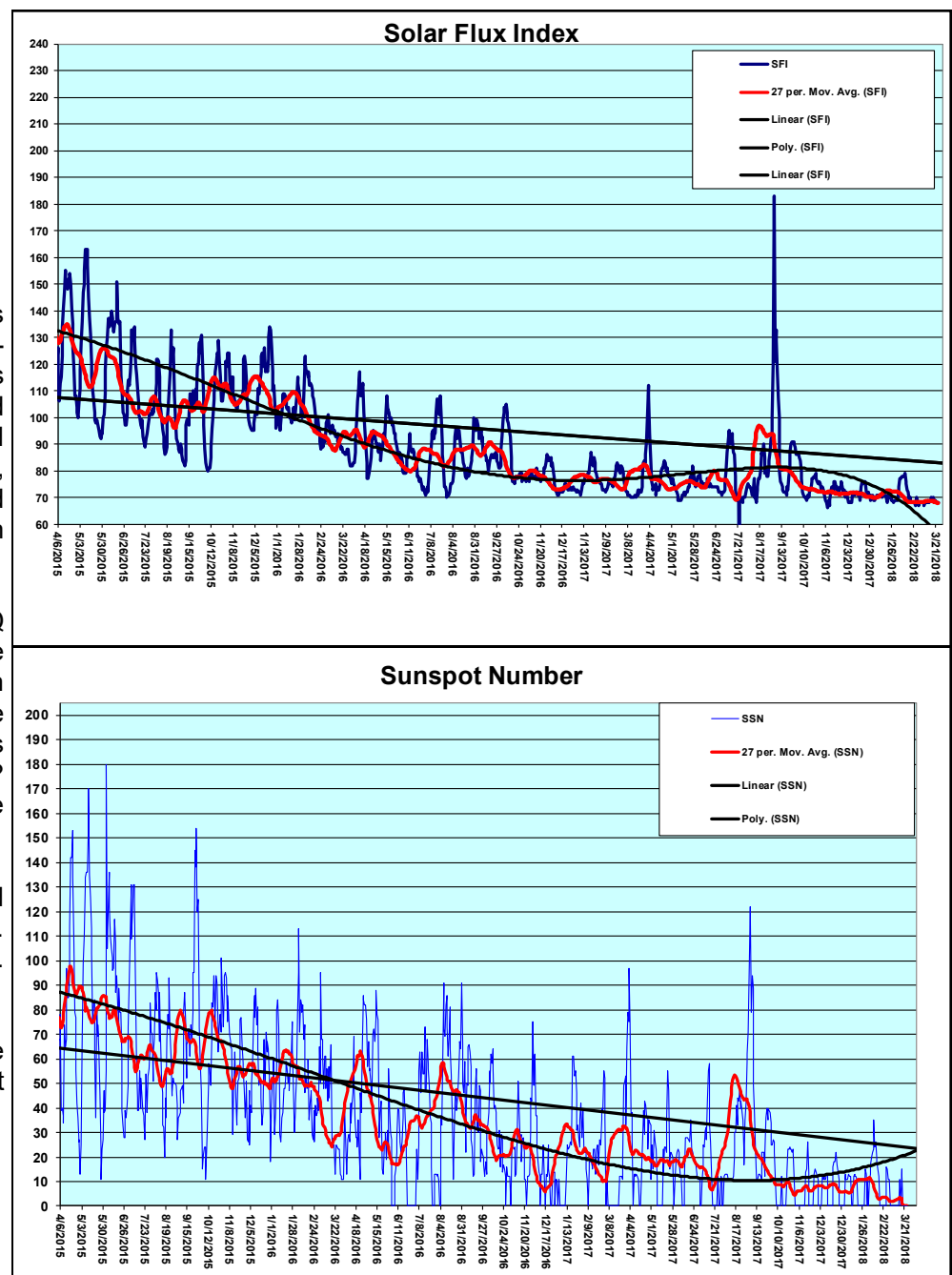
### Club and Conduct Sites

#### Officer Guidelines

[http://www.scdxc.org/download/Officer\\_Guidelines.pdf](http://www.scdxc.org/download/Officer_Guidelines.pdf)

#### DX Code of Conduct

<http://www.dx-code.org/>





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Anaheim	<a href="mailto:ana@hamradio.com">ana@hamradio.com</a>	1-714-533-7373	1-800-854-6046	1-714-533-9485
Burbank	<a href="mailto:bnk@hamradio.com">bnk@hamradio.com</a>	1-818-842-1786	1-800-854-6046	1-818-842-5283
San Diego	<a href="mailto:sd@hamradio.com">sd@hamradio.com</a>	1-858-560-4900	1-800-854-6046	1-858-560-1705

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(818) 451-9967

[Jerry@AgouraPC.com](mailto:Jerry@AgouraPC.com)

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